CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/BTR/W.No.14/SDBC/Bit/2016-17 17.09.2016

BITUMEN CONTENT GRADATION DETERMINATION OF SEMI DENSE BITUMINOUS CONCRETE MIX

As per IS2386 and IRC:SP:11-1984

CUSTOMER	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	**Mr. B.T. Ravikumar,** No.180, 3rd Main, H.V.R. Layout, Magadi Road, Bangalore – 560 079.
NAME OF THE WORK	Improvements to Road, Drain, Foot path 11th A Cross Vishveshwaraiaha Layout in Bagalagunte Ward No.14, BBMP, Bangalore.
REFERENCE	BBMP/DZ/AEE/TDSD/PR/131/2016-17 Dated: 04.08.2016
SAMPLE I/D	Roads in Vishveshwaraiaha Layout Ward No.14
DATE OF TESTING	17.09.2016

CIVIL ENGINEERING TESTING LABORATORY www.civiltechconsultants.com

GRADATION AFTER EXTRACTION

Sieve Size in mm	Trail 1				Specified Limits as per MORTH specification table 500-15 (Grading-2)
	Weight Retained, gm	% Retained	%Cummulative Retained	% Passing	
13.2	0	0	0	100	100
9.5	26.32	5.54	5.54	94.46	90-100
4.75	261.4	55.03	60.57	39.43	35-51
2.36	55.45	11.67	72.25	27.75	24-39
1.18	36.23	7.63	79.87	20.13	15-30
0.3	35.47	7.47	87.34	12.66	9-19
0.075	38.12	8.03	95.37	4.63	3-8

Sieve Size in mm	Trail 2				Specified Limits as per MORTH specification table 500-15 (Grading-2)
	Weight Retained, gm	% Retained	%Cummulative Retained	% Passing	
13.2	0	0	0	100	100
9.5	34.15	7.20	7.20	92.80	90-100
4.75	256.8	54.18	61.38	38.62	35-51
2.36	54.27	11.45	72.83	27.17	24-39
1.18	36.23	7.64	80.47	19.53	15-30
0.3	35.48	7.49	87.96	12.04	9-19
0.075	32.69	6.90	94.86	5.14	3-8

Note:

- This test report should not be reproduced except in full, without written approval of the laboratory
- The results indicated above are based on the tests carried out on the samples received in the laboratory
- Any Query regarding the report must be reported within 30 days from the date of testing.

Civil-Tech Consultants & Engineers Bangalore

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು, ಬಿಬಿಎಂಪಿ

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